

# Converting Colors

Hex(7D8B8B)

Have a look what the booklet for  
Hex(7D8B8B) contains.

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# Color

**Hex(7D8B8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8B8B
RGB	125, 139, 139
RGB Percent	49%, 55%, 55%
CMY	0.5098, 0.4549, 0.4549
CMYK	0.10, 0.00, 0.00, 0.45
HSL	180°, 6%, 52%
HSV	180°, 10%, 55%
XYZ	22.3503, 24.6893, 28.0136
YIQ	134.8140, -8.3440, -2.9680

# Conversions

## Conversions Part 2

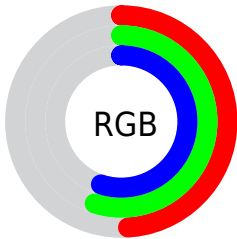
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 132, 139
Decimal	8227723
CIE Lab	56.77, -5.05, -1.74
CIE LCh	57, 5.344, 198.954
Yxy	24.6893, 0.2978, 0.3290
Android (android.graphics.Color)	4286417803 (0xFF7D8B8B)
YUV	134.8140, 2.0637, -8.6069
Hunter-Lab	49.6883, -6.6636, 1.3549

# Details

The Hex color **7D8B8B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B7D7D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B2C0C0**, and **4C5959** is the 20% darker color. If you saturate the color by 10%, you get **6F8B8B**, and if you desaturate by 10%, it is **8B8B8B**.

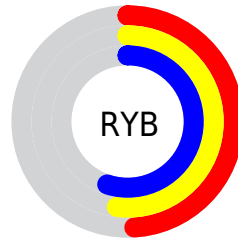
# Distribution



Red (49%)

Green (55%)

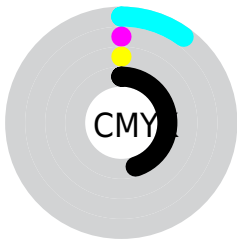
Blue (55%)



Red (49%)

Yellow (52%)

Blue (55%)

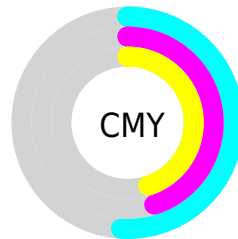


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8B8B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7D8B8B by changing the saturation by 10% instead.





7D8B8B



7D8B8B

FFFFFF



647272



B2C0C0



4C5959



CDDCDC



354242



E9F9F9



202C2C



0A1717



000000



7D8B8B



7D8B8B



6F8B8B



8B8B8B



618B8B



998B8B

538B8B

A78B8B

458B8B

B58B8B

388B8B

C38B8B

2A8B8B

D08B8B

1C8B8B

DE8B8B

0E8B8B

EC8B8B

008B8B

FA8B8B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7F8B86



7D8B8B



7E8A8F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7D8B8B



8D868E



8E877F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7D8B8B



8B7D7D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



918681



7D8B8B



91858A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7D8B8B



878891



938585



89897F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7D8B8B



808A91



938585



8F8780



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7D8B8B



B0B5B5



7D8B7D



585C5C



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7D8B8B



9FB5B5



7D848B



3E4545



008585



000505



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8B7D8B



B59FB5



8B847D



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 7D8B8B looks on a white background.

## Color Contrast Check

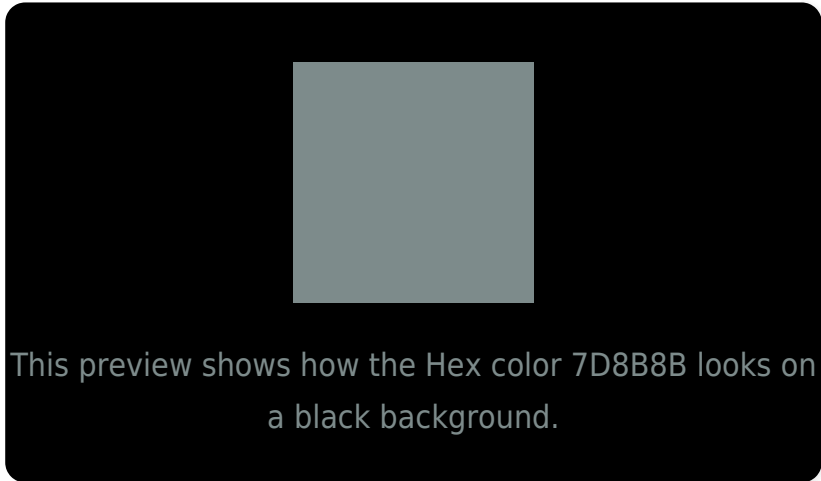
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

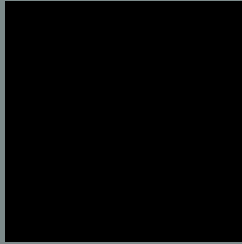
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

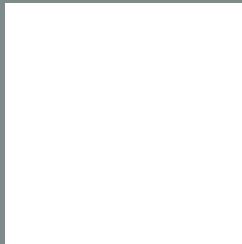
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8B8B Background



This preview shows how black text looks on a background with the Hex color 7D8B8B.



This preview shows how white text looks on a background with the Hex color 7D8B8B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
7D8B8B

**Protanopia**  
8A8789

**Deuteranopia**  
93848C



**Tritanopia**  
7F8A94

# Trichromacy



**Original Color**  
7D8B8B

**Protanomaly**  
85888A

**Deuteranomaly**  
8B878C

**Tritanomaly**  
7E8A91

# Monochromacy



**Original Color**  
7D8B8B

**Achromatopsia**  
878787

**Achromatomaly**  
838888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8B8B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7D8B8B looks like.

```
.text, #text, p{  
    color:#7D8B8B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7D8B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8B8B
}
```

## Border

The CSS property to change the border of an element to Hex 7D8B8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D8B8B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7D8B8B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7D8B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8B8B; -webkit-box-shadow:4px 4px  
4px 4px #7D8B8B; box-shadow:4px 4px 4px  
4px #7D8B8B }
```

# Background

The CSS property to change the background color of an element to Hex 7D8B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8B8B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7D8B8B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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